Ahopelto fails to teach or suggest these and other features of claims 11 and 26. Ahopelto discloses a single gateway support node, GPRS GSN, connected to a host that transmits an IPX packet to the host via remote IPX networks. (see col. 8, ll 27-46).

Ahopelto fails to teach or suggest that the host is connected to a plurality of protocol gateways, each supporting a different wireless protocol. Instead, Ahopelto discloses supporting only a single wireless protocol. Ahopelto also fails to teach or suggest limiting an amount of data transmitted over a network at a particular time by segmenting a message before transmitting the message.

Claim 31 was added and recites, *inter alia*, a router that selects one of the plurality of protocol gateways that supports a wireless network communications protocol used by a client device. Ahopelto fails to teach or suggest the claimed router.

For at least all the above reasons, it is respectfully submitted that claims 11-31 are patentable over the cited prior art.

All objections and rejections having been addressed, it is respectfully submitted that the subject application is in condition for allowance and a Notice to that effect is earnestly solicited.

Respectfully submitted,

WILMER, CUTLER & PICKERING

Date: _____1/3/02_____
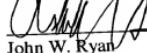
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Version with markings to show changes made

11.   (Amended) A messaging system for communicating messages in a client-server environment over a plurality of wireless networks, each multiple network supporting a respective network protocol, said messaging system comprising:

a plurality of client applications, each client application executed by a respective client device;

a plurality of server applications executed by a back-end server;

a server class configured to encapsulate a network communications protocol; and

a plurality of protocol gateways <u>connected to the back-end server,</u> each protocol gateway supporting a <u>different</u> [respective] wireless network <u>protocol</u> and each protocol gateway utilizing said server class to encapsulate a respective transport header of a message from one client application of said plurality of client applications to said back-end server so that said back-end server is unaware of said respective wireless network protocol.

26.   (Amended) A method of communicating messages in a client-server environment over a plurality of wireless networks, each multiple network supporting a respective network protocol, said messaging system comprising:

executing a plurality of client applications;

executing a plurality of server applications;

transmitting a message from one client application of a plurality of client applications over a wireless network protocol to one server application of said plurality of server applications;

executing a server class by a protocol gateway, said server class configured to encapsulate network protocol communications;

4

encapsulating a transport header of said message by said protocol gateway; [and]

transmitting said encapsulated message to a back-end server[.]; and

limiting an amount of data transmitted over a network at a particular time by segmenting a message before transmitting the message.

31. (New) The messaging system of claim 11, further comprising at least one router connected to the plurality of protocol gateways and the back-end server, wherein the router receives a message from the back-end server to be transmitted to one of the client devices and selects one of the plurality of protocol gateways that supports a wireless network communications protocol used by the one client device for transmission of the message to the one client device via the selected protocol gateway.